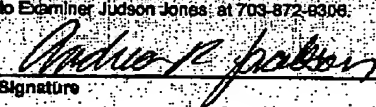


FEB 16 2005

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: ANDREW D. HIRZEL  
For: VOICE COIL ACTUATOR WITH PROPORTIONAL RESPONSE  
Serial No.: 10/048,128 Examiner: Judson Jones  
Filed: May 22, 2002 Group Art Unit: 2834  
Docket No.: 71364-3

CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.8(a))	
I hereby certify that this correspondence is, on the date shown below, being:	
<input type="checkbox"/> deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to the Commissioner for Patents, Washington, DC 20231	<input checked="" type="checkbox"/> transmitted by facsimile to the Patent and Trademark Office to Examiner Judson Jones at 703-872-8308
Date: February 16, 2005	 Signature Andrea R. Jacobson (type or print name of person certifying)

**AMENDMENT AND RESPONSE**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This paper responds to the first Office Action mailed November 19, 2004. Kindly amend the above-identified application as follows.

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the complete listing of claims, which begins on page 3 of this paper.

**Remarks** begin on page 6 of this paper.

FEB-16-2005 18:07

McGarry Bair PC

FEB 16 2005 616 742 1010 P.07/07

PTO/SB/17 (12-04v2)

Approved for use through 07/31/2008. OMB 0551-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Effective on 12/08/2004.  
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

## FEE TRANSMITTAL For FY 2005

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 50

### Complete if Known

Application Number	10/048,128
Filing Date	May 22, 2002
First Named Inventor	Andrew D. Hirzel
Examiner Name	Judson Jones
Art Unit	2834
Attorney Docket No.	71364-3

### METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_

☒ Deposit Account Deposit Account Number: 50-2003 Deposit Account Name: McGarry Bair PC

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee  
☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

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### FEE CALCULATION

#### 1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

#### 2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180
<b>Total Claims</b>	<b>Extra Claims</b>	<b>Fee (\$)</b>
22 - 20 or HP = 2	25	50
HP = highest number of total claims paid for, if greater than 20.		
<b>Indep. Claims</b>	<b>Extra Claims</b>	<b>Fee (\$)</b>
2 - 3 or HP = 0	0	0
HP = highest number of independent claims paid for, if greater than 3.		

#### 3. APPLICATION SIZE FEE


If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets: \_\_\_\_\_ Extra Sheets: \_\_\_\_\_ Number of each additional 50 or fraction thereof: \_\_\_\_\_ Fee (\$): \_\_\_\_\_ Fee Paid (\$): \_\_\_\_\_  
- 100 = \_\_\_\_\_ / 50 = \_\_\_\_\_ (round up to a whole number) x \_\_\_\_\_ = \_\_\_\_\_

#### 4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount) Fees Paid (\$): \_\_\_\_\_  
Other (e.g., late filing surcharge): \_\_\_\_\_

#### SUBMITTED BY

Signature		Registration No. (Attorney/Agent) 33,356	Telephone 616-742-3500
Name (Print/Type)	Joe E. Bair	Date February 16, 2005	

This collection of information is required by 37 CFR 1.138. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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